

GOVERNMENT OF THE DISTRICT OF COLUMBIA

Department of Health
Environmental Health Administration
Bureau of Environmental Quality
Air Quality Division

September 5, 2000

Jerry N. Johnson
General Manager
District of Columbia
Water and Sewer Authority
5000 Overlook Avenue, S.W.
Washington, D.C. 20032



Subject: Draft Title V Operating Permit (Permit #036)

Dear Mr. Johnson:

The Air Quality Division has processed your Title V permit application pursuant to Chapter 3 of the District of Columbia Department of Health Title 20 of the District of Columbia Municipal Regulations (20 DCMR 300). A draft operating permit satisfying applicable regulations is enclosed.

As the responsible official for Blue Plains Wastewater Treatment Plant, it is your responsibility to review, understand, and abide by all of the terms and conditions of the attached permit and to ensure that any person who operates any emission unit subject to the attached permit does the same.

The draft permit is subject to a thirty-day public comment period. Affected states (Maryland, Virginia and West Virginia), the U.S. Environmental Protection Agency (EPA) and the general public may comment on the draft permit. The final permit may be modified to address comments received during the comment period, or to address objections raised by EPA during its subsequent 45-day review period.

If you have questions or comments or need further information, please write to this office or contact Stanley C. Tracey, Chief, Engineering and Planning Branch at (202) 535-2990.

Sincerely,

Donald E. Wambsgans II
Program Manager
Air Quality Division

Attachments

**District of Columbia
Air Quality Operating Permit**

**Blue Plains Wastewater Treatment Plant
Draft Title V Operating Permit
Permit #036**

**GOVERNMENT OF THE DISTRICT OF COLUMBIA
DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH ADMINISTRATION
BUREAU OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION**

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Permit No. 036

Effective Date: _____ Expiration Date:

Pursuant to the requirements of **Chapter 3, Operating Permits**, of Title 20 of the District of Columbia Municipal Regulations (20 DCMR), the District of Columbia Air Quality Division hereafter referred to as "the District" as the duly delegated agency, hereby grants approval to Blue Plains Wastewater Treatment Plant, hereinafter referred to as the Permittee to operate the emission units listed in Section B of this permit subject to the terms and conditions of this permit. All terms and conditions of this permit are enforceable by the District and by the U.S. Environmental Protection Agency (EPA) unless specifically designated as enforceable by the District only as annotated by the asterisk "*".

SUBJECT TO THE TERMS AND CONDITIONS OF THIS PERMIT, approval to operate is granted to:

Permittee	Plant Site Location
Blue Plains Wastewater Treatment Plant 5000 Overlook Avenue, S.W. Washington, D.C. 20032	Blue Plains Wastewater Treatment Plant 5000 Overlook Avenue, S.W. Washington, D.C. 20032

A. General Permit Conditions

Blue Plains Wastewater Treatment Plant, hereinafter referred to as the Permittee, shall comply with the following general requirements:

1. Open fires shall be prohibited at Permittee, except as otherwise provided for by 20 DCMR 604.2 [20 DCMR 604].
2. Permittee shall take reasonable precautions to minimize the emission of any fugitive dust into the outdoor atmosphere at Blue Plains Wastewater Treatment Plant in keeping with the requirements of 20 DCMR 605.1 to 605.4 [20 DCMR 605].
3. Permittee must ensure that stationary sources and fuel burning equipment, including associated air pollution control equipment, are maintained and operated in a manner consistent with good air pollution control practices for minimizing emissions [20 DCMR 606.3].
4. Permittee shall adhere to the requirements of 20 DCMR

800 pertaining to handling of asbestos-containing materials [20 DCMR 800*].

5. Permittee shall not purchase, sell or store fuel oil that is to be burned at the facility which contains more than 1% sulfur by weight [20 DCMR 801].
6. Permittee shall ensure that the provisions of 20 DCMR 900 pertaining to engine idling are met at the facility [20 DCMR 900*].
7. Permittee shall ensure that its motor fleet is maintained to meet the requirements of 20 DCMR 901 pertaining to engine exhausts [20 DCMR 901*].
8. Permittee shall ensure that gasoline sold at the facility should contain no more than one gram of lead per gallon [20 DCMR 902*].
9. Permittee shall operate in compliance with the odor regulations of 20 DCMR [20 DCMR 903*].
10. In the event of an emergency as defined by 20 DCMR 399.1, noncompliance with these emission limits shall be subject to the provisions of 20 DCMR 302.7 [20 DCMR 302.7].

B. Emission Units, Limits and Other Applicable Requirements

EMISSION UNITS TABLE

ID. No.	PROCESS UNIT	BUILDING ID. No.	MODEL #	MAX RATED INPUT CAPACITY (MM Btu/Hr)
C1	BOILER	Heat Exchanger	CB-250	10.46
C2	BOILER	Heat Exchanger	CB-200-250	10.46
C3	BOILER	Heat Exchanger	FST 250 HW	10.50
C4*	BOILER	Solids Processing	LBSW500.G04	13.50
C5*	BOILER	Solids Processing	LBSW500.G05	13.50
C6	BOILER	Central M.F.	NCB-900-150	6.28
ID. No.	PROCESS UNIT	BUILDING	MODEL #	MAX RATED INPUT CAPACITY (MM Btu/Hr)
C7	BOILER	Central M.F.	CB-900-150	6.28

C8	BOILER	Central M.F.	CB-900-150	6.28
C9	BOILER	Secondary Blower	FST 125	5.32
C10	BOILER	Secondary Blower		6.05
C11	BOILER	Grit Chamber #1W	CB-900-150	6.28
C12	BOILER	Grit Chamber #1W	CB-900-150	6.28
C13	BOILER	Grit Chamber #2E	EH	0.77
C14	BOILER	Pump Station #2	-	7.70
C15	GENERATOR	Central M.F.	-	5.24
C16	GENERATOR	Pump Station #2	SP4, 3412	3.82
C17	FURNACE	Solids Processing	-	3.44
C18	FURNACE	Solids Processing	-	1.56
C19	FURNACE	Solids Processing	-	1.56
C20	FURNACE	Solids Processing	-	2.19
C21	FURNACE	Solids Processing	-	0.62
C22	FURNACE	Solids Processing		1.88
C23	FURNACE	Solids Processing		0.71
CX1	FURNACE	Blue Plains #2 Lab		0.135
CY1-4	UNIT HEATER	Store-1		0.32(each)
CZ1-9	UNIT HEATER	Store-1		0.075(each)
C24	FLARE	Sludge Digester		-
C25	FLARE	Sludge Digester		-
C26	FLARE	Sludge Digester		-
C27	FLARE	Sludge Digester		-
C28	FLARE	Sludge Digester		-
C29	FLARE	Sludge Digester		-
--	PAINT	Differt. Locations		-
S1	Bag House	Day Tank		-
S2	Bag House	Day Tank	Unloading	And transfer of lime
S3	Bag House	Day Tank	Unloading	And transfer of lime
S4	Bag House	Day Tank	Unloading	And transfer of lime
ID. No.	PROCESS UNIT	BUILDING ID. No.	MODEL #	MAX RATED INPUT CAPACITY (MM Btu/Hr)
S5	Bag House	Day Tank	Unloading	And transfer of lime
S6	Bag House	Day Tank	Unloading	And transfer of lime
S7	Bag House	Day Tank	Unloading	And transfer of lime
S8	Bag House	Day Tank	Unloading	And transfer of lime

S9	None	Blender 1	-	-
S10	None	Blender 2	-	-
S11	None	Blender 3	-	-
S12	Odor scrubber	Blender 4	80% Effct.	-
S13	Odor scrubber	Blender 5	80% Effct.	-
S14	Truck loading	Bunker area	Bunker and	Truck loading
S15	Truck loading	Direct Chute	Truck	Loading
W1-1	Screens	Bar	-	-
W1-2	Screens	Bar	-	-
W2-1	Chambers	Aerated Grit	-	-
W2-2	Chambers	Aerated Grit	-	-
W3-1	Tanks	Prm. Sedimentation	-	-
W3-2	Tanks	Prm.Sedimentation	-	-
W4-1	Reactors	Secondary	-	-
W4-2	Reactors	Secondary	-	-
W5-1	Basins	Sec. Sedimentation	-	-
W5-2	Basins	Sec. Sedimentation	-	-
W6	Reactors	Nitrification	-	-
W7	Basins	Nit. Sedimentation	-	-
W8	Basins	Dual Purpose Sedm.	-	-
W9	Filters	Multimedia	-	-
W10	Bag House	Lime Silo	-	-

* Shutdown Permanently

This operating permit identifies emission units based on information provided by Permittee and cites specific applicable regulations from 20 DCMR, as well as the Code of Federal Regulations (CFR). These cited regulations and rules stipulate the conditions under which Permittee shall operate; the control equipment (where applicable) that should be utilized to minimize air pollution; the monitoring, record keeping and reporting requirements that will enable Permittee to demonstrate, to the District and EPA, compliance with the regulatory requirements.

All emission units listed in this section, must comply with the following emission limits, standards and other requirements specified herein, and elsewhere in this permit [20 DCMR 300].

1. Emission Units C1, C2, and C3: Two 10.46 million Btu per hour Cleaver Brooks (C1 and C2), and one 10.50 million Btu per hour A.L. Eastmond & Sons Inc. (C3) boilers.
 - a. C1, C2, and C3, boilers are permitted to burn digester gas or #2 oil [20 DCMR 200.2].
 - b. Permittee shall store or use #2 fuel oil that contains no greater than 1% sulfur by weight [20 DCMR 801.1].

- c. Particulate matter emissions from each boiler, shall not be greater than 0.10 pounds per million Btu. (*Permittee is deemed to have complied with this requirement by firing natural gas or fuel oil #2 in boilers*) [20 DCMR 600.1].
 - d. No visible emissions shall be emitted into the outdoor atmosphere from boilers C1, and C2; and 10% opacity is allowed for boiler C3; except no greater than 40% opacity (unaveraged) shall be permitted for two minutes per hour and for an aggregate of twelve minutes per 24-hour period during start-up, cleaning, soot blowing, adjustment of combustion controls, or malfunction of boiler C1, C2, and C3 [20 DCMR 606.1] and [20 DCMR 606.2].
 - e. Permittee will sample and test fuel oil at least once each calendar quarter and determine: the fuel's grade, API Gravity at 60 degrees Fahrenheit, heat content in Btus per gallon, and the weight percent sulfur of the oil. Alternatively, Permittee may obtain the test results from the fuel oil supplier at the time of delivery. Regardless who performs the testing, the certified results must include the fuel oil's grade, API Gravity at 60 degrees Fahrenheit using ASTM test Method D-1298, heat content in Btus per gallon using ASTM test Method D-240, and weight percent sulfur using ASTM test Method D-4294. See **Reporting Requirements**, Quality of Fuel Report below [20 DCMR 502].
 - f. Permittee will conduct daily observations of emissions from each emission unit that is being operated. If emissions are visible, Permittee must report the occurrence to the District and make arrangements for opacity observation by a certified person. Regardless of recording or reporting no opacity violation during a year, Permittee will conduct a minimum of one visible emissions test for emission units C1, C2, and C3. Any visible emissions test must consist of 30 minutes of opacity observations, performed by a certified opacity reader using the U.S. EPA's Reference Method 9 (see 40 CFR Part 60, Appendix A, Method 9). The visible emissions test will be performed for each stack while boilers providing flue gas to that stack fire #2 fuel oil [20 DCMR 502].
2. Emission Units C6, C7, C8, C9, C10, C11, C12, C13 and C14:
Nine greater than five but less than ten million Btu per hour boilers.
- a. Boilers C6 through C8 are permitted to burn #2 fuel oil

or digester gas; C9 through C12 and C14 are permitted natural gas and digester gas; and C13 is permitted to burn natural gas [20 DCMR 200.2].

- b. Permittee shall store or use #2 fuel oil that contains no greater than 1% sulfur by weight [20 DCMR 801.1].
- c. No visible emissions shall be emitted into the outdoor atmosphere from units C6 through C14; except that no greater than 40% opacity (unaveraged) shall be permitted for two minutes per hour and for an aggregate of twelve minutes per 24-hour period during start-up, cleaning, soot blowing, adjustment of combustion controls, or malfunction of boilers and furnaces C6 through C14 [20 DCMR 606.1].
- d. Permittee will conduct daily observations of emissions from each emission unit that is being operated. If emissions are visible, Permittee must report the occurrence to the District and make arrangements for opacity observation by a certified person. Regardless of recording or reporting no opacity violation during a year, Permittee will conduct a minimum of one visible emissions test for emission units C6 through C14. Any visible emissions test must consist of 30 minutes of opacity observations, performed by a certified opacity reader using the U.S. EPA's Reference Method 9 (see 40 CFR Part 60, Appendix A, Method 9). The visible emissions test will be performed for each stack while a boiler providing flue gas to that stack is operating [20 DCMR 502].
- e. Particulate matter emission from each boiler, C6, C7, C8, C9, C10, C11, C12, C13 or C14, shall not be greater than 0.13 pounds per million Btu, respectively. *(Permittee is deemed to have complied with this requirement by firing natural gas or fuel oil #2 in boilers C6, C7, C8, C9, C10, C11, C12, C13 or C14)* [20 DCMR 600.1].
- f. Permittee will sample and test fuel oil at least once each calendar quarter and determine: the fuel's grade, API Gravity at 60 degrees Fahrenheit, heat content in Btus per gallon, and the weight percent sulfur of the oil. Alternatively, Permittee may obtain the test results from the fuel oil supplier at the time of delivery. Regardless who performs the testing, the certified results must include the fuel oil's grade, API Gravity at 60 degrees Fahrenheit using ASTM test Method D-1298, heat content in Btus per gallon using ASTM test Method D-240, and weight percent sulfur using ASTM test Method D-4294. See **Reporting Requirements**, Quality of

Fuel Report below [20 DCMR 502].

3. Emission Units C17, C18, C19, C20, C21, C22 and C23: Seven less than five million Btu per hour boilers.
 - a. These emission units are permitted to fire only natural gas or distillate oil [20 DCMR 200.11].
 - b. Permittee shall store or use distillate oil that contains no greater than 1% sulfur by weight [20 DCMR 801.1].
 - c. No visible emissions shall be emitted into the outdoor atmosphere from the boilers; except that no greater than 40% opacity (unaveraged) shall be permitted for two minutes per hour and for an aggregate of twelve minutes per 24-hour period during start-up, cleaning, soot blowing, adjustment of combustion controls, or malfunction of each boiler [20 DCMR 606.1].
 - d. Particulate matter emission from each boiler shall not be greater than 0.13 pounds per million Btu. (*Permittee is deemed to have complied with this requirement by firing natural gas or distillate in the boilers*) [20 DCMR 600.1].
 - e. Permittee will sample and test fuel oil at least once each calendar quarter and determine: the fuel's grade, API Gravity at 60 degrees Fahrenheit, heat content in Btus per gallon, and the weight percent sulfur of the oil. Alternatively, Permittee may obtain the test results from the fuel oil supplier at the time of delivery. Regardless who performs the testing, the certified results must include the fuel oil's grade, API Gravity at 60 degrees Fahrenheit using ASTM test Method D-1298, heat content in Btus per gallon using ASTM test Method D-240, and weight percent sulfur using ASTM test Method D-4294. See **Reporting Requirements**, Quality of Fuel Report below [20 DCMR 502].
 - f. Permittee will conduct daily observations of emissions from each emission unit that is being operated. If emissions are visible, Permittee must report the occurrence to the District and make arrangements for opacity observation by a certified person. Regardless of recording or reporting no opacity violation during a year, Permittee will conduct a minimum of one visible emissions test for each emission unit. Any visible emissions test must consist of 30 minutes of opacity observations, performed by a certified opacity reader using the U.S. EPA's Reference Method 9 (see 40 CFR Part 60, Appendix A, Method 9). The visible emissions test

will be performed for each stack while boilers providing flue gas to that stack fire distillate oil [20 DCMR 502].

4. Caterpillar Generators C15 and C16 : The two Caterpillar generators must operate under the following conditions:
 - a. Permittee must operate the generators on fuel oil that contains no greater than 1% sulfur by weight. See **Monitoring** and **Requirements** below. [20 DCMR 801.1]
 - b. Permittee must keep a log of date and time generators are operated and type and quantity of fuel used [20 DCMR
 - c. Each of the generators must operate less than 500 hours Per any consecutive 12-month period [805.1(c)(2)]
 - d. No visible emissions shall be emitted into the outdoor atmosphere from the generators; except that no greater than 40% opacity (unaveraged) shall be permitted for two minutes per hour and for an aggregate of twelve minutes per 24-hour period during start-up, cleaning, soot blowing, adjustment of combustion controls, or malfunction of the generators [20 DCMR 606.1].
5. Flares C24, C25, C26, C27, C28 and C29: The six flares must operate under the following conditions:
 - a. The total daily feed rate to the digesters shall not be less than exceed 825,000 ft³ per day.
 - b. At a minimum two (2) gas flares shall be operational at all time.
 - c. The digester gas flow meter shall be operational properly at all times.
 - d. No visible emissions shall be emitted into the outdoor atmosphere from the generators; except that no greater than 40% opacity (unaveraged) shall be permitted for two minutes per hour and for an aggregate of twelve minutes per 24-hour period during start-up, cleaning, soot blowing, adjustment of combustion controls, or malfunction of the generators [20 DCMR 606.1].
6. Emission Units S1 through S8, S14, S15 and W10: The solid handling facilities must operate under the following conditions:
 - a. The discharge of particulate matter into the atmosphere shall not exceed three-hundredths (0.03) grains per dry standard cubic foot. [20 DCMR 603.1]

- b. The bag houses shall be in operation and operating properly during the unloading and transfer of lime.
- c. Permittee shall operate in compliance with the odor regulations of 20 DCMR [20 DCMR 903*].

7. Emission units W1 through W9:

- a. The daily maximum wastewater process flow shall not exceed a monthly average of 370 million gallons per day (MGD), including wet weather bypass flow.
- b. Flow meters shall be properly operating at all times.

C. Testing Requirements

1. Permittee will comply with the following testing requirements [20 DCMR 302.1(c)(1)].

a. For All Emission Units.

(1) Permittee will sample and test fuel oil at least once each calendar quarter and determine: the fuel's grade, API Gravity at 60 degrees Fahrenheit, heat content in BTUS per gallon, and the weight percent sulfur of the oil. alternatively, Permittee may obtain the test results from the fuel oil supplier at the time of delivery. Regardless of where the testing is performed, the certified results must include the fuel oil's grade, API Gravity at 60 degrees Fahrenheit (Method D-1298), heat content in Btus per gallon (Method D-240), and weight percent sulfur (Method D-4294). See **Reporting Requirements**, Quality of Fuel Report below [20 DCMR 502].

2. Permittee must provide the District with written notification at least 10 days prior to a required test so that air quality enforcement personnel can observe on-site testing. [District enforceable only]

3. Permittee must monitor each day

- a. The wastewater process flow in millions of gallons;
- b. Proper operation of the flow meter.

4. Permittee must test to determine the VOC content of the wastewater using an approved test protocol from this office, within 180 days after the issuance of the final permit.

D. Monitoring Requirements

To demonstrate compliance with the terms of this permit Permittee must do the following monitoring activities [20 DCMR 302.1(c)]:

1. Keep records of fuel use for all emission units showing therms of gas, gallons and grade of oil burnt and the results of tests performed to determine the quantity of such fuels. This information must be recorded and submitted to the District as indicated in the Record Keeping and Reporting Requirements sections of this permit.
2. Keep record of visible emissions observation on a logbook at the facility all the time.
3. For the flares Permittee shall monitor each day:
 - a. The feed rate to the digester.
 - b. The presence of a flame at the flare using a flame sensor.
 - c. The flow rate of the digester gas to the flare.
 - d. Proper operation of the flow meter.
 - e. The amount of digester gas produced each month.
 - f. The composition of the digester gas each month.
4. Permittee must monitor each day
 - c. The wastewater process flow in millions of gallons;
 - d. Proper operation of the flow meter.
5. Permittee must monitor the VOC content of the wastewater each year.
6. Permittee must monitor the loading rate of the lime during each delivery.
7. Permittee must monitor the operational conditions of each of the bag houses.

E. Reporting Requirements

1. Semi-annual Report: Permittee must submit a report of fuel, digester gas, wastewater flow and lime use at least every six months. In order to coincide with the Annual Certification Report, such reports may be submitted by February 1 and August 1 of each year. Such reports shall identify any deviations from permit requirements since the previous report, and any deviations from the monitoring, record keeping, testing and reporting requirements under this permit

shall be reported [20 DCMR 302.1 (c)(3)(A)&(B)].

2. Annual Certification Report: By February 1 of each year, Permittee must submit to the District and the U.S. Environmental Protection Agency an Annual Certification Report certifying compliance with the terms and conditions of this permit, except wherein the District requires submission on a more frequent basis. The report must cover the period from January 1 through December 31 of the previous year. [20 DCMR 302.1(c)(3) and 302.3(e)]

a. The report must:

(1) Identify each term or condition of the permit that is the basis for certification;

(2) State the Permittee's current compliance status;

(3) State whether compliance has been continuous or intermittent during the reporting period; and

(4) State the testing, monitoring, and record keeping methods used to determine the compliance status over the reporting period.

b. The report must include the following information:

(1) For all boilers:

(a) Fuel Burning Equipment Forms: The forms must summarize the therms of gas, gallons and grade of fuel oil burned during the reporting period [20 DCMR 500.1].

(b) Quality of Fuel Information: Permittee must sample and test the fuel oil burned in its boilers at least once each calendar quarter. For each sample, Permittee must provide:

- (i) The fuel oil grade,
- (ii) The API Gravity at 60 degrees Fahrenheit,
- (iii) The heat content in BTUS per gallon,
- (iv) The weight percent sulfur of the fuel oil,
- (v) The date and time the sample was taken,
- (vi) The name, address and telephone number of the laboratory that analyzed the sample,

(vii) The type of test or test method performed.

In lieu of sampling and testing fuel oil each quarter, Permittee can submit fuel receipts and/or fuel supplier certifications that provide the above quality of fuel data.

3. Progress Reports: If Permittee is subject to the requirements of a compliance schedule, it must submit reports specified in 20 DCMR 302.3(d) that show the following:
 - a. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance were achieved; and
 - b. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.
4. Notifications and Supplemental Reports: Permittee must submit the following notifications and supplemental reports. Notifications or reports of a deviation from a permit condition submitted pursuant to a. or b. Below must contain the following information: the date of the deviation, the time of the deviation, the emission unit involved, the duration and cause of the deviation and what actions Permittee took to correct or prevent the deviation [20 DCMR 302.1(c)(3)(C)].
 - a. Emergencies: If Permittee experiences an emergency, as defined in 20 DCMR 399.1 and 302.7, which results in the breach of a permit condition or exceedance of an emission limit, Permittee must submit a written notice to the District within two working days of the date Permittee becomes aware of the emergency. If the conditions of 20 DCMR 302.7(b) are not followed, Permittee cannot assert the existence of an emergency as an affirmative defense to an action brought for non-compliance with a technology based emission limitation.
 - b. Threat to Public Health Safety and the Environment: Permittee must immediately report any permit deviation that poses an imminent and substantial danger to public health, safety or the environment [20 DCMR 107].
 - c. Operational Flexibility: Prior to making a change as provided for under Section 502(b)(10) of the Clean Air Act, Permittee will give written notice to the District and EPA at least seven calendar days before the change is to be made. The seven calendar day period may be shortened or eliminated for an operational change that must be implemented more quickly to address unanticipated conditions that pose a significant health, safety, or environmental hazard. If less than a seven calendar day notice is given, Permittee must provide notice to the District and U.S. EPA as soon as possible after learning of the need to make the change. In the notice, Permittee must, substantiate why

seven day advance notice could not be given. Written notices must include the following information [20 DCMR 302.8]:

- (1) The change to be made;
 - (2) The date on which the change will occur;
 - (3) Any changes in emissions;
 - (4) Any permit terms and conditions that are affected, including any new applicable requirements.
- d. Off-permit Changes: Permittee must provide contemporaneous written notice to the District and EPA. Such written notice shall describe each such change, including the date, any change in the emissions, pollutants emitted, and any applicable requirements that would apply as a result of the change. [20 DCMR 302.9(b)]
5. All notifications, reports and other documentation required by this permit must be certified by a responsible official. [20 DCMR 302.1(c)(3)(D)]:
 6. Nothing in this permit shall relieve Permittee from any reporting requirements under federal or District of Columbia regulations.
 7. Upon receipt of a written request and within a reasonable time, the Permittee must furnish to the District, any information the District requests to determine whether cause exists for, reopening, or revoking the permit or to determine compliance with the permit. Upon request, the Permittee must also furnish the District with copies of records required to be kept by the permit. [20 DCMR 302.1(g)(5)]
 8. Permittee may request confidential treatment of information submitted in any report required by this permit pursuant to the limitations and procedures in 20 DCMR 301.1(c). [20 DCMR 302.1(c)(3)(E) and 20 DCMR 106]
 9. Annual Certification Reports, notifications, supplemental reports and other documentation required by this permit must be sent to [20 DCMR 302.3(e)(4)]:

Air Quality Division
Chief, Compliance and Enforcement Branch
51 N Street, N.E.
Washington, DC 20002

10. A copy of the Annual Certification Reports must be sent to

[20 DCMR 302.3(e)(4)]:

U.S. Environmental Protection Agency
Region III
1650 Arch Street
Philadelphia, PA 19139
Attention: Associate Director of Enforcement, 3AP00

F. Record Keeping Requirements

1. Where applicable to the reporting or testing requirements of this permit, with respect to record keeping, Permittee shall keep records shown below [20 DCMR 302.1(c)(2)(A)(i-vi)]:
 - a. The date, place as defined in the permit, and time of sampling or measurements;
 - b. The date(s) analyses were performed;
 - c. The company or entity that performed the analyses;
 - d. The analytical techniques or methods used;
 - e. The results of such analyses; and
 - f. The operating conditions as existing at the time of sampling or measurement.
2. Permittee must keep and maintain records of all testing results, records and reports required by this permit for a period of at least five years from the date of such test. [20 DCMR 302.1(c)(2)(B)]
3. For surface painting operations. Permittee will maintain records showing [20 DCMR 500.1]:
 - a. The names of the chemical compounds contained in the solvents, reagents, coatings and other substances used in these activities;
 - b. The volatile organic compound (VOC) content, measured in weight percent, of solvents used in these activities;
 - c. The quantity of solvents used in pounds per hour; and
 - d. The number of hours solvents were applied each day.
4. Contemporaneously with making a change from one operating scenario to another Permittee must record in a log at the facility the scenario under which it is operating [20 DCMR

302.1(j)].

5. If 502(b)(10) changes are made, Permittee must maintain a copy of the notice with the permit [20 DCMR 302.8(a)].
6. If off-permit changes are made, Permittee must keep a record of all such changes [20 DCMR 302.9(d)].

G. Certification Requirements

Any document including application form, report or compliance certification submitted to the District pursuant to this permit must contain a signed certification by a responsible official with the following language: **"I certify, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete."** [20 DCMR 301.4]

H. Fees

Permittee shall pay fees equal to the amount calculated by methods consistent with 20 DCMR 305. The fees shall be paid no later than April 15 of every year beginning on April 15, 1997 and annually thereafter. The check for the fees shall be made payable to the D.C. Treasurer [20 DCMR 302.1(h)].

I. Compliance

1. Permittee will comply with all the terms and conditions of this permit. Any non-compliance with this permit constitutes a violation of the federal Clean Air Act and/or District regulations and is grounds for enforcement action, permit revocation, permit modification or denial of permit renewal [20 DCMR 302.1(g)(1)].
2. In any enforcement action, Permittee cannot claim that it had to halt or reduce a permitted activity in order to maintain compliance with this permit [20 DCMR 302.1(g)(2)].
3. To demonstrate compliance, Permittee must submit an Annual Certification Report to the District not later than February 1 each year certifying compliance with all permit conditions. See **Reporting Requirements**, Annual Certification Report [20 DCMR 302.3(e)(1)].
4. Nothing in this permit shall be interpreted to preclude the use of any credible evidence to demonstrate compliance or non-compliance with any term or conditions of this permit [40

CFR 61.12].

J. Entry and Inspection Requirements

1. Upon presentation of identification, Permittee will allow authorized officials of the District to: [20 DCMR 302.3(b)]:
 - a. Enter premises where an emission unit is located or an emissions related activity is conducted or where records required by this permit are kept;
 - b. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of this permit;
 - c. Inspect, at reasonable times, any facility, equipment including monitoring and air pollution control equipment, practice, or operation regulated or required under this permit; and
 - d. Sample or monitor, at reasonable times, any substance or parameter for the purpose of assuring compliance with this permit or any applicable requirement.

K. Compliance Schedule

Permittee must submit nitrogen oxides (NO_x) and volatile organic compounds (VOC) emissions control plans for implementation of reasonably available control technology (RACT) within 180 days after the issuance of the final permit [20 DCMR 805 and 715, respectively].

Permittee must continue to comply with all applicable requirements, and meet in a timely manner applicable requirements that become effective during the term of this permit [20 DCMR 301.3(h)(3)]:

L. Enforcement

1. Failure to comply with the federally-enforceable terms and conditions of this permit constitutes a violation of the federal Clean Air Act. The District, the U.S. Environmental Protection Agency and/or citizens may enforce federally enforceable permit terms and conditions. [20 DCMR 302.2(a)]
2. Failure to comply with the terms and conditions of this permit designated as a District only constitutes a violation of the District of Columbia regulations. The District will

enforce these permit terms and conditions. [20 DCMR Chapter 1]

3. Failure to comply with permit terms and conditions is grounds for enforcement action, permit revocation, or denial of a permit renewal application [20 DCMR 302.1(g)(1); and/or administrative, civil or criminal enforcement action. [20 DCMR 105]
4. In any enforcement proceeding, Permittee shall have the burden of proof when seeking to establish the existence of an emergency. [20 DCMR 302.7(c)]
5. This permit may be amended, reopened, modified, revoked, or reissued for cause in accordance with 20 DCMR 303. Except as provided under 20 DCMR 303.5, the filing by Permittee of a request for a permit revision, termination, or of a notification of planned changes or anticipated noncompliance, does not stay any term or condition of this permit. [20 DCMR 302.1(g)(3)]

M. Construction, Installation, or Alteration

Permittee shall not initiate construction, installation, or modification of any equipment or facility which emits or controls air pollutants prior to obtaining a construction permit from the District in accordance with 20 DCMR 200 and a revision of the operating permit (Title V) in accordance with 20 DCMR 300.

N. Duty to Provide Supplemental Information

1. Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, Permittee shall promptly submit to the District such supplementary facts or corrected information. [20 DCMR 301.2]
2. Permittee will promptly submit to the District the information necessary to address any requirement that becomes applicable to Permittee after the date Permittee completed a permit application. [20 DCMR 301.2]
3. Upon receipt of a written request, Permittee will furnish to the District, within a reasonable time established by the District:
 - a. Any information that the District determines is reasonably necessary to evaluate or take final action on a permit application [20 DCMR 301.1(b)(5)];

- b. Any information the District requests to determine whether cause exists to reopen, revise, terminate or revoke this permit, or to determine compliance with the terms and conditions of this permit. [20 DCMR 302.1(g)(5); and
- c. Copies of any record(s) required to be kept by this permit [20 DCMR 302.1(g)(5)].

O. Permit and Application Consultation

Permittee is encouraged to consult with the District personnel at any time concerning the construction, operation, modification or expansion of any facility or equipment; the operation of required pollution control devices or systems; the efficiency of air pollution control devices or systems; applicable requirements; or any other air pollution problem associated with the installation.

P. Permit Availability

A copy of this permit will be available at Permittee at all times. A copy of this permit will be provided to the District upon request.

Q. Permit Renewal, Expiration and Reopening

This permit expires five (5) years after its effective date. [20 DCMR 302.1 (b)]; but may be reopened before it expires pursuant to 20 DCMR 303.

- a. Permittee's right to operate ceases on the expiration date unless a complete permit renewal application has been submitted to the District not later than six (6) months prior to the expiration date [20 DCMR 301.1(a)(4) and 303.3(b)].
- b. If a timely and complete application for renewal of this permit is submitted to the District, but the District, through no fault of Permittee, fails to take final action to issue or deny the renewal permit before the end of the term of this permit, then this permit shall not expire until the renewal permit has been issued or denied [20 DCMR 303.3(c)].

R. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege to Permittee. [20 DCMR 302.1 (g)(4)]

S. Severability

The provisions of this permit are severable. If any part of this permit is held invalid, the remainder of this permit shall not be affected thereby and shall remain valid and in effect. [20 DCMR 302.1(f)]

T. Economic Incentives

This permit shall require no revision under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in the permit. [20 DCMR 302.1(I)]

U. Section 502(b)(10) Changes

Permittee is expressly authorized to make changes pursuant to Section 502(b)(10) of the Clean Air Amendments of 1990 without a permit amendment or permit modification provided that such a change is not a modification under any provision of Title I of the Act, does not include any changes in the dates specified in the compliance schedule, and does not result in a level of emissions exceeding the emissions allowed under the permit [20 DCMR 302.8].

V. Off-permit Changes

Permittee may make changes in its operation or emissions not addressed in this permit without obtaining an amendment or modification of this permit subject to the requirements and restrictions in 20 DCMR 302.9.

1. The change must meet all applicable requirements and not violate any existing permit term or condition,
2. Permittee must provide contemporaneous written notice of the change to the Mayor and the Administrator. Such written notice shall describe each such change, including the date, any change in emissions, pollutants emitted, and any applicable requirement that would apply as a result of the change.
3. Permittee shall keep a record describing all changes at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

4. Permittee may not make, without a revision of its permit, a change that is not addressed or prohibited by its permit if such change is subject to any requirements under Title IV of the Act or is a modification under any provision of Title I of the Act.

W. Risk Management

This stationary source, as defined in 40 CFR Part 68.3, is subject to Part 68 and the owner or operator shall submit a risk management plan (RMP) by the date specified in Part 68.10 and shall certify compliance with the requirements of part 68 as part of the annual compliance certification required by 40 CFR Part 70 or 71 [20 DCMR 302.1(d)].

X. Protection of Stratospheric Ozone

1. Permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E [20 DCMR 399.1 applicable requirement (k)]:
 - a. All containers in which a Class I or Class II substance is stored or transported, all products containing a Class I substance, and all products directly manufactured with a process that uses a Class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106;
 - b. The placement of the required warning statement must comply with the requirements pursuant to §82.108;
 - c. The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110; and
 - d. No person may modify, remove or interfere with the required warning statement except as described in §82.112.
2. Permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F:
 - a. Persons opening appliances for maintenance, service, repair or disposal must comply with the prohibitions and required practices pursuant to §82.154 and §82.156;
 - b. Equipment used during the maintenance, service, repair or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158;

- c. Persons maintaining, servicing, repairing or disposing of appliances must be certified by an approved technician certification program pursuant to §82.161;
 - d. Persons maintaining, servicing, repairing or disposing of appliances must certify to the Administrator of the U.S. Environmental Protection Agency pursuant to §82.162;
 - e. Persons disposing of small appliances, MVACs and MVAC-like appliances, must comply with the record keeping requirements pursuant to §82.166;
 - f. Owners of commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156; and
 - g. Owners or operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to §82.166.
- 3. If the Permittee manufactures, transforms, destroys, imports or exports a Class I or Class II substance, the Permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A (Production and Consumption Controls).
 - 4. If the Permittee performs a service on a motor vehicle that involves an ozone-depleting substance refrigerant or regulated substitute substance in the MVAC, the Permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B (Servicing of Motor Vehicle Air Conditioners).
 - 5. The Permittee may switch from any ozone-depleting substance to any alternative that is listed as acceptable in the Significant New Alternatives Policy (SNAP) program promulgated pursuant to 40 CFR Part 82, Subpart G.

Y. Miscellaneous Activities

- 1. The District does not consider the following activities to be major but they are subject to the record keeping and reporting requirements of this permit as well as the provisions for the protection of stratospheric ozone of Section X [EPA White Paper 1]:
 - a. Architectural painting
- 2. Emissions from miscellaneous activities must be reasonably estimated, and Permittee must report the estimated emissions in the annual emission statement on which fee payment is based [20 DCMR 500].

Z. Permit Shield

Not Applicable [20 DCMR 302.1(k)]

AA. Alternative Operating Scenarios

Not Applicable [20 DCMR 302.1(j)]

AB. Emission Trading and Averaging

Not Applicable [20 DCMR 302.1(k)]

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